

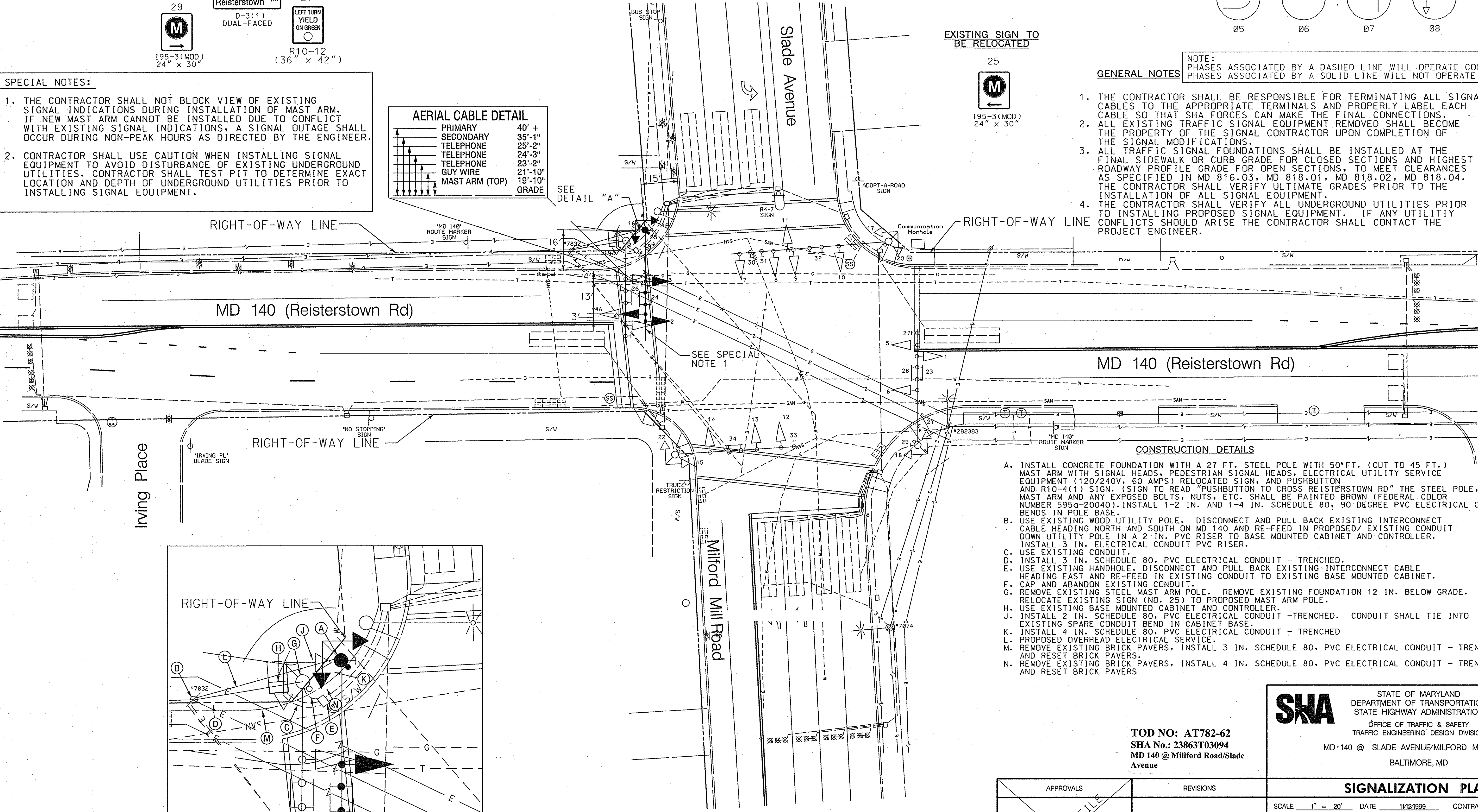
SPECIAL NOTES:

1. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.

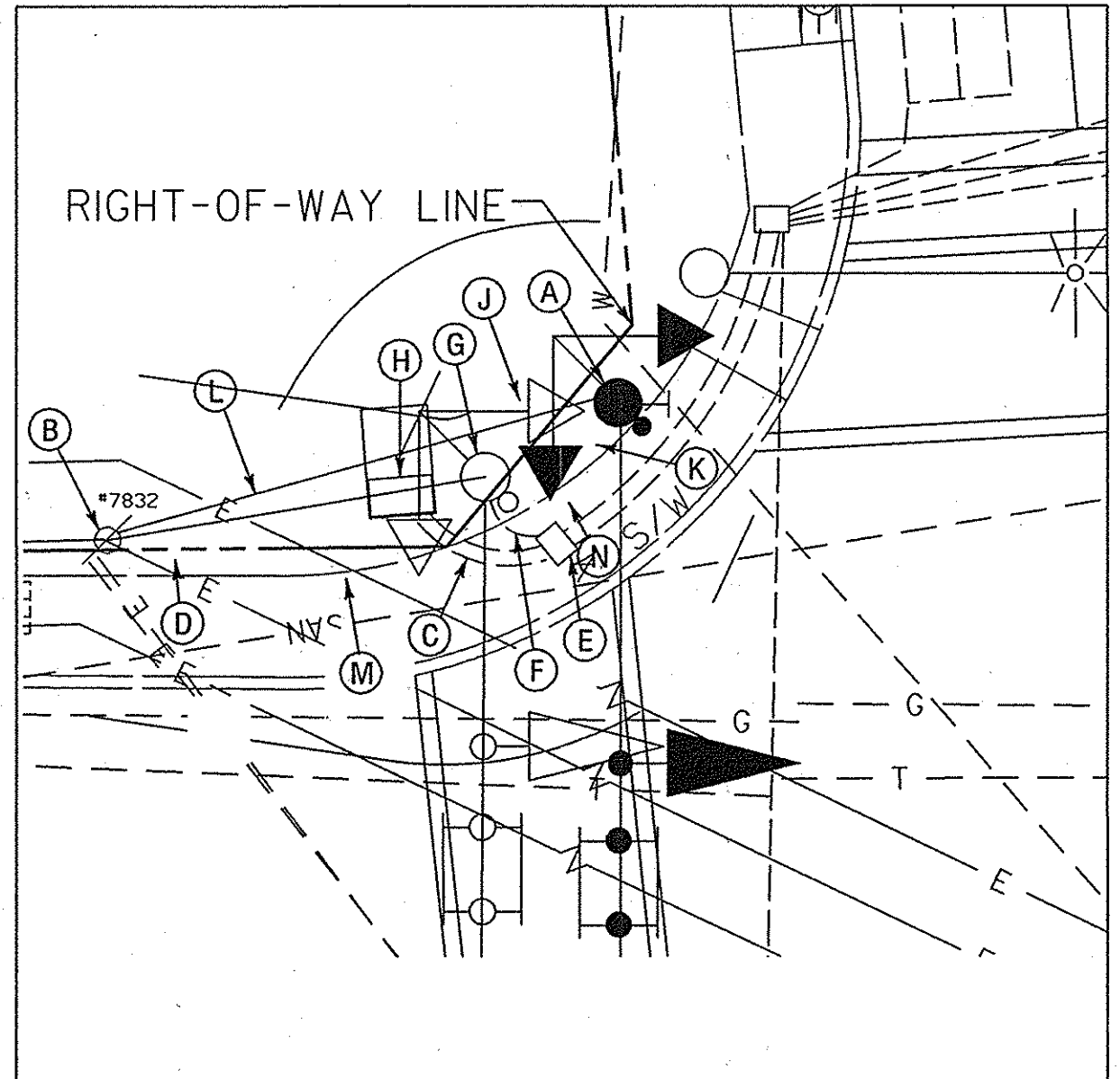
AERIAL CABLE DETAIL

PRIMARY	40' +
SECONDARY	35'-1"
TELEPHONE	25'-2"
TELEPHONE	24'-3"
TELEPHONE	23'-2"
GUY WIRE	21'-10"
MAST ARM (TOP)	19'-10"
GRADE	

SEE DETAIL "A"

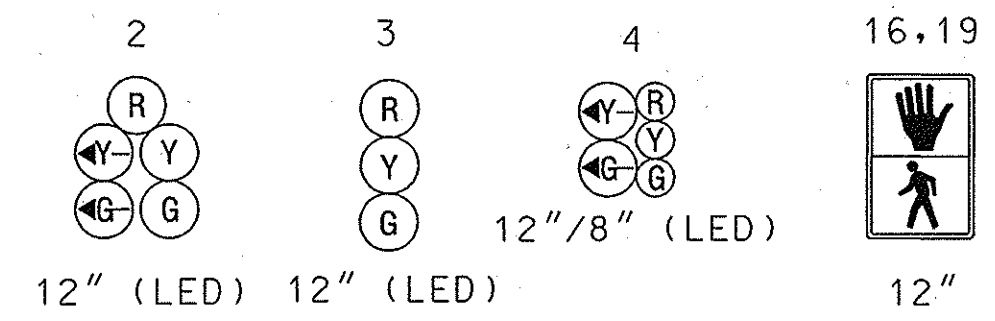


Irving Place

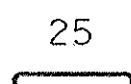


DETAIL "A"  
SCALE : 1"=10'

PROPOSED SIGNAL HEADS

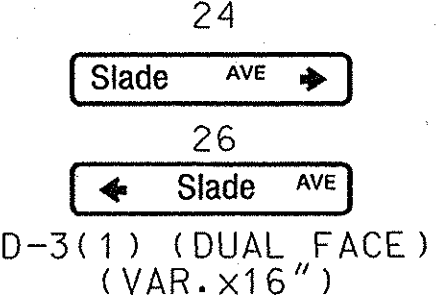


EXISTING SIGN TO BE RELOCATED

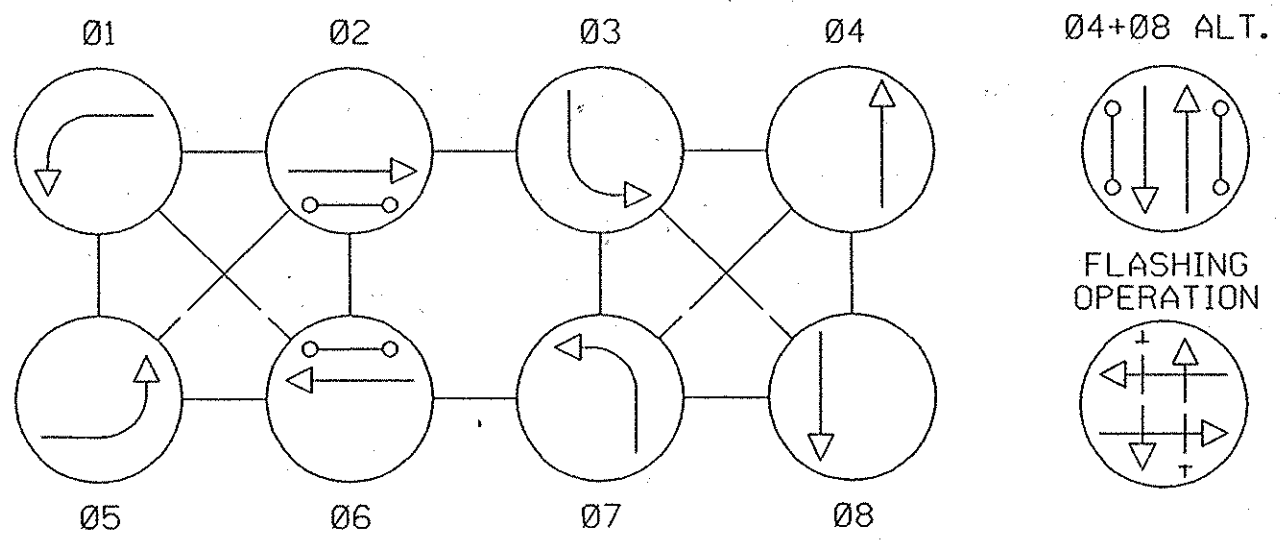


195-3 (MOD)  
24" x 30"

PROPOSED SIGNS



NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS AND HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 50' FT. (CUT TO 45 FT.) MAST ARM WITH SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, ELECTRICAL UTILITY SERVICE EQUIPMENT (120/240V, 60 AMPS) RELOCATED SIGN, AND PUSHBUTTON AND R10-4(1) SIGN. (SIGN TO READ "PUSHBUTTON TO CROSS REISTERSTOWN RD" THE STEEL POLE, MAST ARM AND ANY EXPOSED BOLTS, NUTS, ETC. SHALL BE PAINTED BROWN (FEDERAL COLOR NUMBER 5950-20040). INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE.
- B. USE EXISTING WOOD UTILITY POLE. DISCONNECT AND PULL BACK EXISTING INTERCONNECT CABLE HEADING NORTH AND SOUTH ON MD 140 AND RE-FEED IN PROPOSED/ EXISTING CONDUIT DOWN UTILITY POLE IN A 2 IN. PVC RISER TO BASE MOUNTED CABINET AND CONTROLLER. INSTALL 3 IN. ELECTRICAL CONDUIT PVC RISER.
- C. USE EXISTING CONDUIT.
- D. INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED.
- E. USE EXISTING HANDHOLE. DISCONNECT AND PULL BACK EXISTING INTERCONNECT CABLE HEADING EAST AND RE-FEED IN EXISTING CONDUIT TO EXISTING BASE MOUNTED CABINET.
- F. CAP AND ABANDON EXISTING CONDUIT.
- G. REMOVE EXISTING STEEL MAST ARM POLE. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE. RELOCATE EXISTING SIGN (NO. 25) TO PROPOSED MAST ARM POLE.
- H. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- I. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED. CONDUIT SHALL TIE INTO EXISTING SPARE CONDUIT BEND IN CABINET BASE.
- J. INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED
- K. PROPOSED OVERHEAD ELECTRICAL SERVICE.
- L. REMOVE EXISTING BRICK PAVERS, INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED AND RESET BRICK PAVERS.
- M. REMOVE EXISTING BRICK PAVERS, INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED AND RESET BRICK PAVERS.

TOD NO: AT782-62  
SHA No.: 23863T03094  
MD 140 @ Millford Road/Slade Avenue



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 140 @ SLADE AVENUE/MILFORD MILL ROAD  
BALTIMORE, MD

SIGNALIZATION PLAN

SCALE 1" = 20'	DATE 11/21/99	CONTRACT NO. BA3035183
DESIGNED BY	COUNTY BALTIMORE	
DRAWN BY F.J.H. JES	LOGMILE 03014000.53	
CHECKED BY D.DODA	TIMS NO.	
FAP NO.	TOD NO.	
TS NO. TS-2174 C	OF	SHEET NO. 1 OF 2

PLOTTED: Monday, December 11, 2006 AT 10:40 AM  
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